

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1           1.       (Currently Amended) A method of communications between a first device  
2       and a Universal Serial Bus (USB) peripheral device over a network, comprising:  
3               receiving, by a system, a message from the first device to establish a  
4       communications session with the USB peripheral device, the message being according to  
5       a first protocol defining real-time interactive sessions;  
6               establishing a communications session between the first device and the  
7       system over the network; and  
8               converting, in the system, between data according to the first protocol and  
9       data according to a second protocol that defines a USB peripheral link from the system to  
10       the USB peripheral device.

1           2.       (Currently Amended) ~~The method of claim 1~~ A method of  
2       communications between a first device and a peripheral device over a network,  
3       comprising:  
4               receiving, by a system, a message from the first device to establish a  
5       communications session with the peripheral device, the message being according to a  
6       first protocol defining real-time interactive sessions;  
7               establishing a communications session between the first device and the  
8       system over the network; and  
9               converting, in the system, between data according to the first protocol and  
10       data according to a second protocol that defines a peripheral link from the system to the  
11       peripheral device,  
12               wherein receiving the message includes receiving a Session Initiation  
13       Protocol message, and  
14               wherein the peripheral link is selected from the group consisting of a  
15       Universal Serial Bus port, a parallel port, a serial port, a Small Computer Systems  
16       Interface port, and a Personal Computer Memory Card International Association port.

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1           3.       (Original) The method of claim 1, wherein establishing the  
2       communications session includes establishing one of a Session Initiation Protocol session  
3       and an H.323 session.

1           4.       (Original) The method of claim 2, wherein converting the data includes  
2       converting between a Session Initiation Protocol format and a Universal Serial Bus  
3       format.

1           5.       (Cancelled) ✓

1           6.       (Currently Amended) The method of claim 1, wherein establishing the  
2       communications session includes establishing a streaming call session.

1           7.       (Original) The method of claim 6, wherein establishing the streaming call  
2       session includes establishing a Session Initiation Protocol session.

1           8.       (Currently Amended) The method of claim 1, further comprising sending  
2       one or more commands to the USB peripheral device to control operation of the USB  
3       peripheral device.

1           9.       (Currently Amended) The method of claim 1, further comprising sending  
2       status information of the USB peripheral device to the first device.

1           10.      (Currently Amended) The method of claim 1, further comprising  
2       establishing a real-time call session between the first device and the USB peripheral  
3       device.

1           11.      (Currently Amended) The method of claim 1, wherein establishing the  
2       communications session includes establishing a conferencing session among the first  
3       device, the USB peripheral device, and another device.

1           12.    (Original) The method of claim 11, wherein establishing a conferencing  
2 session includes establishing a multicast session.

1           13.    (Currently Amended) ~~The method of claim 1, further comprising:~~ A  
2 method of communications between a first device and a peripheral device over a network,  
3 comprising:

4                   receiving, by a system, a message from the first device to establish a  
5 communications session with the peripheral device, the message being according to a  
6 first protocol defining real-time interactive sessions;

7                   establishing a communications session between the first device and the  
8 system over the network;

9                   converting, in the system, between data according to the first protocol and  
10 data according to a second protocol that defines a peripheral link from the system to the  
11 peripheral device;

12                   receiving another message to establish a second communications session  
13 while the first communication session is active; and

14                   performing one of sending a busy indication and over-riding the first  
15 communications session.

1           14.    (Original) The method of claim 1, further comprising:  
2                   establishing a communications session between the first device and a  
3 second system; and

4                   converting, in the second system, between data according to the first  
5 protocol and data according to the second protocol.

1           15.    (Cancelled) ✓

1           16.     (Currently Amended) ~~The system of claim 15~~ A system comprising:  
2                     a first interface capable of communicating with a packet-based network  
3                     according to a first protocol that defines real-time interactive communications sessions  
4                     received over the packet-based network;  
5                     a second interface capable of communicating with a peripheral device  
6                     according to a second protocol; and  
7                     a controller to convert a message according to the first protocol to data  
8                     according to the second protocol for communicating to the peripheral device,  
9                     wherein the peripheral device includes a Universal Serial Bus device.

1           17.     (Original) The system of claim 16, wherein the first protocol includes one  
2                     of a Session Initiation Protocol and an H.323 Recommendation.

1           18.     (Currently Amended) ~~The system of claim 15, further comprising A~~  
2                     system comprising:  
3                     a first interface capable of communicating with a packet-based network  
4                     according to a first protocol that defines real-time interactive communications sessions  
5                     received over the packet-based network;  
6                     a second interface capable of communicating with a peripheral device  
7                     according to a second protocol;  
8                     a controller to convert a message according to the first protocol to data  
9                     according to the second protocol for communicating to the peripheral device; and  
10                    a Session Initiation Protocol stack to process Session Initiation Protocol  
11                    messages,  
12                    wherein the second interface is selected from the group consisting of a  
13                    Universal Serial Bus port, a parallel port, a serial port, a Small Computer Systems  
14                    Interface port, and a Personal Computer Memory Card International Association port.

1           19.     (Currently Amended) The system of claim ~~15~~16, wherein the second  
2                     interface includes a Universal Serial Bus interface.

1           20.    (Original) The system of claim 19, further comprising a Universal Serial  
2   Bus client to manage communications with the peripheral device.

1           21.    (Original) The system of claim 20, further comprising an interface  
2   between the controller and the Universal Serial Bus client, the interface including one or  
3   more application programming interfaces.

1           22.    (Original) The system of claim 21, wherein plural application  
2   programming interfaces are assigned different uniform resource locators.

1           23.    (Currently Amended) The system of claim ~~15~~18, wherein the second  
2   interface is adapted to receive an indication of a status change of the peripheral device,  
3   the controller adapted to send one or more messages to a remote device over the packet-  
4   based network concerning the status change.

1           24.    (Currently Amended) The system of claim ~~15~~18, wherein the data  
2   communicated to the peripheral device includes a command to control operation of the  
3   peripheral device.

1           25.    (Currently Amended) The system of claim ~~15~~18, wherein the controller is  
2   adapted to establish a real-time interactive call session with a remote device coupled to  
3   the packet-based network and the peripheral device.

1           26.    (Cancelled) ✓

1           27.    (Currently Amended) ~~The method of claim 26~~ A method of accessing a  
2   non-telephony device coupled to a system over a link defined according to a first  
3   protocol, comprising:  
4               receiving, by the system, a message from a telephony device, the message  
5   defined according to a telephony protocol; and

6                    converting the telephony protocol message into data according to the first  
7 protocol for communication over the link to the non-telephony device,  
8                    wherein the telephony protocol includes a Session Initiation Protocol.

1                    28.     (Original) The method of claim 27, wherein the first protocol includes a  
2 Universal Serial Bus protocol.

1                    29.     (Currently Amended) ~~The method of claim 26~~ A method of accessing a  
2 non-telephony device coupled to a system over a link defined according to a first  
3 protocol, comprising:  
4                    receiving, by the system, a message from a telephony device, the message  
5 defined according to a telephony protocol; and  
6                    converting the telephony protocol message into data according to the first  
7 protocol for communication over the link to the non-telephony device,  
8                    wherein the first protocol includes a Universal Serial Bus protocol.

1                    30.     (Currently Amended) The method of claim ~~26~~29, wherein receiving the  
2 message includes receiving a Session Initiation Protocol Invite request.

1                    31.     (Currently Amended) The method of claim ~~26~~27, further comprising  
2 sending, in response to the received message, one or more commands to the non-  
3 telephony device to perform one or more predetermined actions by the non-telephony  
4 device.

1                    32.     (Currently Amended) An article including one or more machine-readable  
2 storage media containing instructions for controlling a system coupled to a packet-based  
3 network and a peripheral link, the instructions when executed causing the system to:  
4                    communicate a message over the packet-based network, the message  
5 defined according to a Session Initiation Protocol ~~first protocol for real-time interactive~~  
6 ~~sessions;~~

7                   convert between the message and data according to a second protocol  
8   defining communications over the peripheral link; and  
9                   communicate the data over the peripheral link, the peripheral link selected  
10 from the group consisting of a Universal Serial Bus port, a parallel port, a serial port, a  
11 Small Computer Systems Interface port, and a Personal Computer Memory Card  
12 International Association port.

1           33.   (Original) The article of claim 32, wherein the one or more storage media  
2   contain instructions that when executed cause the system to communicate a command to  
3   control operation of a peripheral device coupled to the peripheral link.

1           34.   (Currently Amended) The article of claim 32, wherein the messages  
2   according to the Session Initiation Protocol ~~first protocol~~ and the data according to the  
3   second protocol are part of a voice-based call session.

1           35.   (Original) The article of claim 32, wherein the one or more storage media  
2   contain instructions that when executed cause the system to receive data from the  
3   peripheral link indicative of a status change of a peripheral device coupled to the  
4   peripheral link.

1           36.   (Currently Amended) The article of claim 32, wherein ~~the first protocol~~  
2 ~~includes a Session Initiation Protocol and~~ the second protocol includes a Universal Serial  
3 Bus protocol.

1           37.   (Currently Amended) A data signal embodied in a carrier wave  
2   comprising one or more code segments containing instructions for controlling a system  
3   coupled to a packet-based network and a peripheral link, the instructions when executed  
4   causing the system to:

5                   receive a message from ~~the~~ a first device to establish a communications  
6   session with ~~the~~ a Universal Serial Bus (USB) peripheral device, the message being  
7   defined by a first protocol defining real-time interactive sessions;

8                    establish a communications session between the first device and the  
9                    system over the network; and  
10                   convert between data according to the first protocol and data according to  
11                   a ~~second~~ USB protocol defining a peripheral link from the system to the USB peripheral  
12                   device.

1                   38.        (Cancelled) ✓

1                   39.        (Cancelled) ✓

1                   40.        (Cancelled) ✓

1                   41.        (New) The data signal of claim 37, wherein receiving the message  
2                   comprises receiving a Session Initiation Protocol message.